

## Signs & Symptoms

## **Gout**

### [Gout-goat](#)

Gout is caused by excess uric acid, leading to the deposition of urate crystals in joints, causing inflammation and pain. It is commonly seen in Lesch-Nyhan syndrome.

## **Intellectual Disability**

### [Book Covered in Tar](#)

Individuals with Lesch-Nyhan syndrome exhibit severe cognitive impairment, often with deficits in adaptive behaviors such as communication and social skills. These deficits contribute to developmental delay.

## **Self-mutilation**

### [Self-hitting](#)

A hallmark feature of Lesch-Nyhan syndrome is self-mutilation, commonly manifested by lip and finger biting.

## **Choreoathetosis**

### [Korean-Thor](#)

Choreoathetosis presents involuntary movements with features of chorea, which are irregular, dance-like movements, and athetosis, which is characterized by a twisting and writhing motion.

## **Treatment**

### **Allopurinol**

#### [Aloe-piranha](#)

Allopurinol is a medication that inhibits xanthine oxidase. Because this enzyme is involved in uric acid production, allopurinol helps to manage hyperuricemia by decreasing uric acid.

### **Febuxostat**

#### [Fat-boxer](#)

Febuxostat is a xanthine oxidase inhibitor. Blocking xanthine oxidase reduces uric acid production. It serves as an alternative to allopurinol in managing hyperuricemia associated with Lesch-Nyhan syndrome.